

**Work Order ID 67042**

Friday, March 04, 2011 7:50:04 AM



Page 1

Item ID: D3489-3-200

Accept



Setup Start



Revision ID:

Stop



Item Name: PIP PIN

Start Date: 3/4/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 3/8/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan: CLDate: 11/03/04

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr                       | Revision Nbr             |                      |         |        |              |               |               |                  |                |
| D3489                          | Rev A                    |                      |         |        |              |               |               |                  |                |

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 13605 ☐ P/N: 806206 ☐ Possible Supplier: JergensCL 11/03/04 (10)

110

0.00



Receive &amp; Inspect for Damage &amp; Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

CL 3/7 (10)

120

0.00



QC6- Inspect dimensions to drawing

QC

Memo

0.00

Quality Control

S. Wloska

(NO)

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 67042**

Friday, March 04, 2011 7:50:04 AM



Page 2

Item ID: D3489-3-200

Accept



Setup Start



Revision ID:

Stop



Item Name: PIP PIN

Start Date: 3/4/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 3/8/2011 Req'd Qty: 10.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

| Sequence ID/<br>Work Center ID | Operation<br>Description                        | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 130<br>                        | Identify as per dwg & Stock Location: <u>62</u> | 0.00                 |         |        |              |               |               |                  |                |
| Packaging                      | Memo  | 0.00                 |         |        |              | 11/3/7        |               |                  |                |
| Packaging                      |   |                      |         |        |              |               |               |                  |                |
| 140<br>                        | QC21- Final Inspection - Work Order Release     | 0.00                 |         |        |              |               |               |                  |                |
| QC                             | Memo  | 0.00                 |         |        |              |               |               |                  |                |
| Quality Control                |   |                      |         |        |              |               |               |                  |                |

CL 11/03/07

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

# Picklist Print

Friday, March 04, 2011 7:50:01 AM

Page 1

Work Order ID: 67042



Parent Item: D3489-3-200



Parent Item Name: PIP PIN


Start Date: 3/4/2011

Required Date: 3/8/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A New Issue 06-03-10 JLM

| Component Item ID/<br>Item Name   | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 806206<br><br>PIP PIN |                        | Purchased     | No          |                     |                  | 100             | Each               | 0.0000         | 1           | 10           |               |                |        |

4/13/11 (10)

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



|                        |                         |   |                        |
|------------------------|-------------------------|---|------------------------|
| DESIGN<br>CP           | DRAWN BY<br>CP          | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED<br>[Signature] | APPROVED<br>[Signature] | DRAWING NO.<br>D3489                              | REV. A<br>SHEET 1 OF 1 |
| DATE<br>06.01.04       |                         | TITLE<br>PIP PIN                                  | SCALE<br>NTS           |
| A                      | 06.01.04                | NEW ISSUE   |                        |

RELEASED  
06.03.21 CF  
06.01.04

## SPECIFICATION CONTROL DRAWING

1) SPECIFICATION: D3489-X-YYY PIP PIN

WHERE 'X' IS THE NOMINAL SIZE IN 1/16THS OF AN INCH  
AND 'YYY' IS THE GRIP LENGTH IN TENTHS OF INCHES

FOR EXAMPLE, D3489-3-050 IS 3/16" NOMINAL O.D. WITH 0.50" GRIP

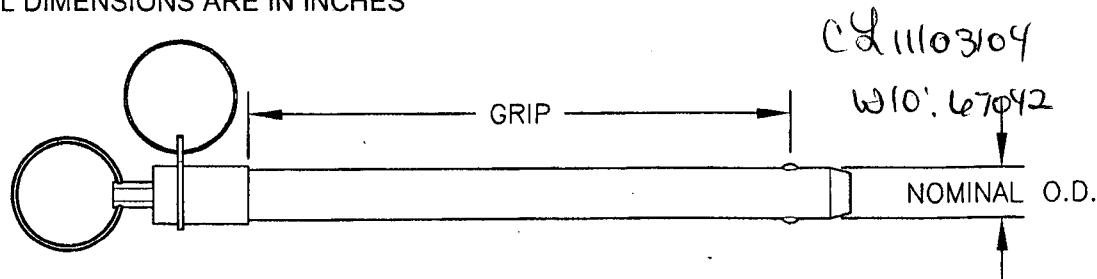
2) ACCEPTABLE SUPPLIERS / PART NUMBERS TO PURCHASE

| DART<br>P/N | Nominal<br>O.D. | GRIP | Possible Suppliers |           |
|-------------|-----------------|------|--------------------|-----------|
|             |                 |      | JERGENS            | REID      |
| D3489-3-050 | 3/16"           | 0.50 | 806200             | DARS-000D |
| D3489-3-075 | 3/16"           | 0.75 | 806201             | -         |
| D3489-3-100 | 3/16"           | 1.00 | 806202             | DARS-001  |
| D3489-3-125 | 3/16"           | 1.25 | 806203             | -         |
| D3489-3-150 | 3/16"           | 1.50 | 806204             | -         |
| D3489-3-175 | 3/16"           | 1.75 | 806205             | -         |
| D3489-3-200 | 3/16"           | 2.00 | 806206             | DARS-004  |
| D3489-3-250 | 3/16"           | 2.50 | 806208             | DARS-005  |
| D3489-3-300 | 3/16"           | 3.00 | 806209             | -         |
| D3489-4-050 | 1/4"            | 0.50 | 806216             | DARS-009  |
| D3489-4-075 | 1/4"            | 0.75 | 806217             | -         |
| D3489-4-100 | 1/4"            | 1.00 | 806218             | -         |
| D3489-4-125 | 1/4"            | 1.25 | 806219             | -         |
| D3489-4-150 | 1/4"            | 1.50 | 806220             | DARS-020  |
| D3489-4-175 | 1/4"            | 1.75 | 806221             | -         |
| D3489-4-200 | 1/4"            | 2.00 | 806222             | DARS-030  |
| D3489-4-250 | 1/4"            | 2.50 | 806224             | DARS-035  |
| D3489-4-300 | 1/4"            | 3.00 | 806225             | DARS-040  |
| D3489-4-400 | 1/4"            | 4.00 | 808227             | DARS-050  |

3) DESCRIPTION: DOUBLE ACTING, STAINLESS STEEL, QUICK-RELEASE  
BALL LOCK PINS WITH RING HANDLE

4) MATERIAL: STAINLESS STEEL. MIN. PULL OUT STRENGTH = 200LBS (3/16" PINS)  
OR 230LBS (1/4" PINS). MIN. DOUBLE SHEAR = 5150LBS (3/16" PINS) OR  
9200LBS (1/4" PINS).

5) ALL DIMENSIONS ARE IN INCHES



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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO13605**

Purchase Order Date 3/4/2011

PO Print Date 3/4/2011

Page Number 1 of 1

Order From :

VC-HAS001

HASKINS INDUSTRIAL  
5-52 ANTARES DRIVE  
NEPEAN, ON K2E 7Z1  
CA

Contact Name

Vendor Phone

613 723 8800

Vendor Fax

613 723 8806

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

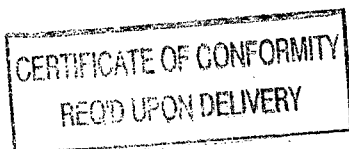
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

| Line Nbr | Reference<br>Revision ID<br>Vendor Part Number | Description/<br>Mfg ID | Req Date/<br>Taxable | Req Qty/<br>Unit of Measure | Ship Method | Unit Price | Extended<br>Price |
|----------|--|------------------------|----------------------|-----------------------------|-------------|------------|-------------------|
| 1        | 806206   | PIP PIN                | 3/8/2011<br>Yes      | 10.00<br>Each               | Dicom       | \$22.8200  | \$228.20          |

Special Inst: AS PER DWG D3489 REV. A  
B67042  
JERGENS P/N: 806-206

PO Total:

\$228.20



Change Nbr: 1

Change Date: 3/4/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



HASKINS INDUSTRIAL INC.  
5-52 ANTARES DRIVE

\*\* PACKING SLIP \*\*

Order # 1239221.00

Order Date 03/04/11

NEPEAN, ONTARIO K2E 7Z1  
TEL (613) 723-8800 FAX (613) 723-8806

Page 1 of 1

Sold To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET  
HAWKESBURY  
ON  
K6A 1K7

Ship To: DART AEROSPACE LTD.  
1270 ABERDEEN STREET  
HAWKESBURY  
ON  
K6A 1K7

|                |           |        |                    |
|----------------|-----------|--------|--------------------|
| Cust Phone #   | Warehouse | F.O.B. | Taken By           |
| (613) 632-5200 | OTTAWA    | DEST   | Sylvie 613-723-880 |

|        |                |          |            |      |          |        |
|--------|----------------|----------|------------|------|----------|--------|
| Cust # | Customer P/O # | Required | Orig Order | Slsm | Ship Via | Terms  |
| 05168  | 13605          | 03/05/11 | 1239221.00 | PL   | DICOM    | NET 30 |

| Ln# | Bin # | Order UM | Ship | B/O Product | Description |
|-----|-------|----------|------|-------------|-------------|
|-----|-------|----------|------|-------------|-------------|

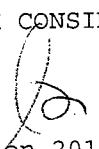

|   |        |       |    |                  |                                    |        |
|---|--------|-------|----|------------------|------------------------------------|--------|
| 1 | 030220 | 10 EA | 10 | <u>JG-806206</u> | <u>3/16 DBL ACTION RING HANDLE</u> | 806206 |
|---|--------|-------|----|------------------|------------------------------------|--------|

SHIPPING TODAY FROM OUR STOCK  
AFTER THIS ORDER WE STILL HAVE 262 PIECES IN OUR STOCK

8/103/11

PLEASE NOTE:

1. NO RETURNS WITHOUT PRIOR AUTHORIZATION
  2. ALL SHORTAGE CLAIMS MUST BE WITHIN 10 DAYS
  3. BO CODE: BO = QTY NOT SHIPPED IS BACK-ORDERED
- CL= QTY NOT SHIPPED WAS CANCELLED  
SC= ITEM CONSIDERED COMPLETE - NO B/O CREATED

FILL  PACK  DATE 3/4/11  
Printed on 2011-03-04 at 8:41